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PATENT APPLICATION IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Ba-Zhong Shen, Ph.D., Dr.

Examiner: n/a

Kelly Brian Cameron, and Hau Thien Tran

Application Serial No: 10/636,008

Art Group: n/a

Application Filing Date: 08/07/2003

Confirmation No: n/a

Patent No: n/a

Attorney Docket No: BP3018

Patent Issue Date: n/a

Title: 16 QAM and 16 APSK TTCM (Turbo Trellis Coded Modulation) with minimum

bandwidth of 3 bit/s/Hz

Date: Thursday, September 18, 2003 (09/18/2003)

INFORMATION DISCLOSURE STATEMENT

MAIL STOP <u>NON-FEE AMENDMENT</u> COMMISSIONER FOR PATENTS P.O. BOX 1450 ALEXANDRIA, VA 22313-1450

Dear Sir or Madam:

It is requested that the enclosed reference(s) that are listed on the attached Information Disclosure Statement by Applicant (Form PTO/SB/08A (1 page) and Form PTO/SB/08B (1 page)) be considered by the Patent Examiner in connection with the above-identified utility patent application and be made of record therein.

Independent consideration and acknowledgment of the enclosed references is respectfully requested.

RESPECTFULLY SUBMITTED,

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Shayne X. Short, Ph.D.

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PTO/SB/08A (08-03)

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Sheet 1

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known				
Application Number	10/636,008			
Filing Date	08/07/2003			
First Named Inventor	Ba-Zhong Shen, Ph.D.			
Art Unit	n/a			
Examiner Name	n/a			
Attorney Docket Number	BP3018			

			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	-	Number-Kind Code ^{2 (f known)}	08-29-1995	Claude Berrou	
	<u> </u>	^{US-} 005 446 747 A			
	<u> </u>	^{US-} 005 406 570 A	04-11-1995	Claude Berrou, et al.	
		^{US-} 006 119 264 A	09-12-2000	Claude Berrou, et al.	
		^{US-} 005 563 897 A	10-08-1996	Ramesh Pyndiah, et al.	
		^{US-} 006 122 763 A	09-19-2000	Ramesh Pyndiah, et al.	
		^{US-} 006 065 147 A	05-16-2000	Ramesh Pyndiah, et al.	
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Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	T .
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	⊤°
		FR 91 05278 A1	10-30-1992	Berrou, Claude		
		EP 0 735 696 A2	10-02-1996	Berrou, Claude		
		EP 0 735 696 A3	01-13-1999	Berrou, Claude		
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Examiner	Date	
Signature	Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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